

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	25	glycophorin same ELISA	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/07 16:47
L2	0	glycophorin same ELISA same (second adj1 antibody)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/07 16:47
L3	8	glycophorin same ELISA same antibody	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/07 17:29
L4	1	glycophorin same ELISA same antibody same peroxidase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/07 16:48
L5	1	glycophorin same ELISA same peroxidase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/07 16:48
L6	1	("4752582").PN.	USPAT; EPO	OR	OFF	2005/12/07 17:29

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NEWS 4 OCT 03 MATHDI removed from STN
NEWS 5 OCT 04 CA/Caplus-Canadian Intellectual Property Office (CIPO) added
to core patent offices
NEWS 6 OCT 13 New CAS Information Use Policies Effective October 17, 2005
NEWS 7 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
of Caplus documents for use in third-party analysis and
visualization tools
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NEWS 9 OCT 27 DIOGENES content streamlined
NEWS 10 OCT 27 EPFULL enhanced with additional content
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NEWS 12 NOV 30 REGISTRY/ZREGISTRY on STN(R) enhanced with experimental
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<http://download.cas.org/express/v8.0-Discover/>

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FILE 'HOME' ENTERED AT 15:00:06 ON 07 DEC 2005

=> file .meeting

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FULL ESTIMATED COST	0.21	0.21

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FILE 'BIOTECHNO' ENTERED AT 15:00:23 ON 07 DEC 2005

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=> (CHF or congestive heart failure) and antibody and glyophorin

L1	0	FILE AGRICOLA
L2	0	FILE BIOTECHNO
L3	0	FILE CONFSCI
L4	0	FILE HEALSAFE
L5	0	FILE IMSDRUGCONF
L6	0	FILE LIFESCI
L7	0	FILE PASCAL

TOTAL FOR ALL FILES

L8 0 (CHF OR CONGESTIVE HEART FAILURE) AND ANTIBODY AND GLYOPHORIN

=> glycophorin

L9	42	FILE AGRICOLA
L10	1056	FILE BIOTECHNO
L11	64	FILE CONFSCI
L12	17	FILE HEALSAFE
L13	0	FILE IMSDRUGCONF
L14	614	FILE LIFESCI
L15	802	FILE PASCAL

TOTAL FOR ALL FILES

L16 2595 GLYCOPHORIN

=> glycophorin and (CHF or congestive heart failure)

L17 0 FILE AGRICOLA
 L18 0 FILE BIOTECHNO
 L19 0 FILE CONFSCI
 L20 0 FILE HEALSAFE
 L21 0 FILE IMSDRUGCONF
 L22 0 FILE LIFESCI
 L23 0 FILE PASCAL

TOTAL FOR ALL FILES

L24 0 GLYPHOPHORIN AND (CHF OR CONGESTIVE HEART FAILURE)

=> glycoporphin and CHF

L25 0 FILE AGRICOLA
 L26 0 FILE BIOTECHNO
 L27 0 FILE CONFSCI
 L28 0 FILE HEALSAFE
 L29 0 FILE IMSDRUGCONF
 L30 0 FILE LIFESCI
 L31 0 FILE PASCAL

TOTAL FOR ALL FILES

L32 0 GLYPHOPHORIN AND CHF

=> glycoporphin and (congestive heart failure)

L33 0 FILE AGRICOLA
 L34 0 FILE BIOTECHNO
 L35 0 FILE CONFSCI
 L36 0 FILE HEALSAFE
 L37 0 FILE IMSDRUGCONF
 L38 0 FILE LIFESCI
 L39 0 FILE PASCAL

TOTAL FOR ALL FILES

L40 0 GLYPHOPHORIN AND (CONGESTIVE HEART FAILURE)

=> file .jacob

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.57	6.78

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=> glycoporphin

L41 2279 FILE CAPLUS
 L42 2648 FILE BIOSIS
 L43 2259 FILE MEDLINE
 L44 2080 FILE EMBASE
 L45 877 FILE USPATFULL

TOTAL FOR ALL FILES
L46 10143 GLYCOPHORIN

=> glycophorin and (CHF or congestive heart failure)

L47 1 FILE CAPLUS
L48 0 FILE BIOSIS
L49 0 FILE MEDLINE
L50 0 FILE EMBASE
L51 74 FILE USPATFULL

TOTAL FOR ALL FILES
L52 75 GLYCOPHORIN AND (CHF OR CONGESTIVE HEART FAILURE)

=> d l47 ibib abs total

L47 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:409131 CAPLUS

DOCUMENT NUMBER: 142:445553

TITLE: Methods for quantification of circulating
glycophorin in body fluids for diagnosis of
congestive heart failure

INVENTOR(S): Jackowski, George; Van Lieshout, Tracy; Thatcher,
Brad; Zhang, Rulin; Yantha, Jason; Rasamoelisololo,
Michele

PATENT ASSIGNEE(S): Can.

SOURCE: U.S. Pat. Appl. Publ., 18 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005100964	A1	20050512	US 2003-706599	20031111
WO 2005045436	A1	20050519	WO 2004-CA1945	20041110
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-706599 A 20031111

AB The invention provides methods for quantification of circulating
glycophorin in body fluids for diagnosis of **congestive heart failure** including ELISA and SELDI-TOF. The circulating **glycophorin** measured by this assay is a truncated **glycophorin** diagnostic for **congestive heart failure (CHF)**.

=> l74 and antibody

L74 NOT FOUND

The L-number entered could not be found. To see the definition of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=> l47 and antibody

L53 1 FILE CAPLUS

L54 0 FILE BIOSIS
L55 0 FILE MEDLINE
L56 0 FILE EMBASE
L57 74 FILE USPATFULL

TOTAL FOR ALL FILES

L58 75 L47 AND ANTIBODY

=> glycoporphin and (heart failure)

L59 1 FILE CAPLUS
L60 1 FILE BIOSIS
L61 1 FILE MEDLINE
L62 2 FILE EMBASE
L63 85 FILE USPATFULL

TOTAL FOR ALL FILES

L64 90 GLYCOPHORIN AND (HEART FAILURE)

=> dup rem

ENTER L# LIST OR (END):159-62

PROCESSING COMPLETED FOR L59

PROCESSING COMPLETED FOR L60

PROCESSING COMPLETED FOR L61

PROCESSING COMPLETED FOR L62

L65 3 DUP REM L59-62 (2 DUPLICATES REMOVED)

=> dup rem

ENTER L# LIST OR (END):165

PROCESSING COMPLETED FOR L65

L66 3 DUP REM L65 (0 DUPLICATES REMOVED)

=> d l66 ibib abs total

L66 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:409131 CAPLUS

DOCUMENT NUMBER: 142:445553

TITLE: Methods for quantification of circulating
glycophorin in body fluids for diagnosis of
congestive **heart failure**

INVENTOR(S): Jackowski, George; Van Lieshout, Tracy; Thatcher,
Brad; Zhang, Rulin; Yantha, Jason; Rasamoelisololo,
Michele

PATENT ASSIGNEE(S): Can.

SOURCE: U.S. Pat. Appl. Publ., 18 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2005100964	A1	20050512	US 2003-706599	20031111
WO 2005045436	A1	20050519	WO 2004-CA1945	20041110
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO,			

SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-706599 A 20031111

AB The invention provides methods for quantification of circulating **glycophorin** in body fluids for diagnosis of congestive **heart failure** including ELISA and SELDI-TOF. The circulating **glycophorin** measured by this assay is a truncated **glycophorin** diagnostic for congestive **heart failure** (CHF).

L66 ANSWER 2 OF 3 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN

ACCESSION NUMBER: 2004462644 EMBASE

TITLE: Altered glycosylation leads to Tr polyagglutination.

AUTHOR: Halverson G.R.; Lee A.H.; Oyen R.; Reiss R.F.;

Hurlet-Jensen A.; Reid M.E.

CORPORATE SOURCE: Dr. M.E. Reid, New York Blood Center, 310 East 67th Street, New York, NY 10021, United States. mreid@nybloodcenter.org

SOURCE: Transfusion (2004) Vol. 44, No. 11, pp. 1588-1592.

Refs: 29

ISSN: 0041-1132 CODEN: TRANAT

COUNTRY: United States

DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 025 Hematology

026 Immunology, Serology and Transplantation

LANGUAGE: English

SUMMARY LANGUAGE: English

ENTRY DATE: Entered STN: 20041112

Last Updated on STN: 20041112

AB BACKGROUND: Polyagglutination refers to red blood cells (RBCs) that are agglutinated by a high proportion of ABO-matched adult sera but not by cord sera. Polyagglutinable RBCs have been associated with microbial infection, myeloproliferative disorders, and myelodysplasia. Lectins aid in the identification of polyagglutination. CASE STUDY: A Hispanic male infant with mild hemolytic anemia, a "Bernard-Soulier-like" syndrome, intermittent neutropenia, mitral valve regurgitation, ligament hyperlaxity, and mild mental retardation was studied. The patient's Group O RBCs were polyagglutinable; they were agglutinated by normal human sera, several lectins [including *Arachis hypogea*, *Salvia sclarea*, *Salvia horminum*, *Glycine max*, *Ulex europaeus*, *Griffonia simplicifolia* I, and *Gr. simplicifolia* II], and some monoclonal antibodies. His RBCs were not agglutinated by cord sera, *Dolichos biflorus*, or *Phaseolus lunatus*. Sodium dodecyl sulfate-polyacrylamide gel electrophoresis on the RBC membranes followed by staining with periodic acid-Schiff stain showed markedly reduced staining of **glycophorins** A and B. Staining with Coomassie brilliant blue revealed that Band 3 has a faster mobility than normal. CONCLUSIONS: Collectively, the results suggest that the patient's RBCs have a reduction in N-acetylneuraminic acid on both N- and O-glycans, exposing, respectively, β 1,4-galactosidase and β 1,3-galactosidase. The patient likely has an altered glycosyltransferase that results in defective glycosylation in RBCs and other cell lineages. This type of polyagglutination was named Tr.

L66 ANSWER 3 OF 3 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2001:327281 BIOSIS

DOCUMENT NUMBER: PREV200100327281

TITLE: Hematopoiesis/erythropoiesis in myocardial infarcts.

AUTHOR(S): Goldman, Bruce I. [Reprint author]; Wurzel, John

CORPORATE SOURCE: Department of Pathology and Laboratory Medicine, Temple University Medical School, 3400 N. Broad St., Philadelphia, PA, 19140, USA

goldmanb@astro.ocis.temple.edu

SOURCE: Modern Pathology, (June, 2001) Vol. 14, No. 6, pp. 589-594.

print.
ISSN: 0893-3952.

DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 11 Jul 2001
Last Updated on STN: 19 Feb 2002

AB Extramedullary hematopoiesis occurring in the myocardium has previously only been reported in a single case of a neonate with cyanotic congenital heart disease. Herein we report the incidental discovery of extramedullary hematopoiesis or pure erythropoiesis in four failing adult hearts with myocardial infarction. In two cases, extramedullary hematopoiesis or erythropoiesis was identified in cardiectomy specimens removed at orthotopic heart transplantation; in two other cases, erythropoiesis was found in left ventricular tissue removed at the time of implantation of left ventricular assist devices. Myocardial hematopoiesis/erythropoiesis was identified based on characteristic light-microscopic findings in routinely processed tissue and was confirmed by immunohistochemistry using monoclonal antibodies to the erythroid cell marker **glycophorin A** (positive in all cases), the megakaryocyte marker CD61, and the granulocyte marker neutrophil elastase (the latter two markers positive in one case only). None of the four patients had a myeloproliferative disorder or evidence of a myelophthisic process. No hematopoietic elements were identified in 109 cardiectomy specimens without acute or recent infarcts. Myocardial hematopoiesis or erythropoiesis could represent heretofore-unrecognized manifestations of altered cytokine expression in patients with **heart failure** due to myocardial infarction.

=> file .chemistry
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
36.17	42.95

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.46	-1.46

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=> glycoporphin and (heart failure)

L67	1	FILE	CAPLUS
L68	0	FILE	BIOTECHNO
L69	0	FILE	COMPENDEX
L70	0	FILE	ANABSTR
L71	0	FILE	CERAB
L72	0	FILE	METADEX
L73	85	FILE	USPATFULL

TOTAL FOR ALL FILES

L74	86	GLYCOPHORIN AND (HEART FAILURE)
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